UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

25263

7590

11/23/2005

J GRANT HOUSTON AXSUN TECHNOLOGIES INC 1 FORTUNE DRIVE BILLERICA, MA 01821 EXAMINER

NGUYEN, DUNG T

ART UNIT PAPER NUMBER

ART UNIT

DATE MAILED: 11/23/2005

APPLICATION NO. FILING DATE		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/909,330	07/19/2001	Dale C. Flanders	1035US	9626

TITLE OF INVENTION: FIXED WAVELENGTH SINGLE LONGITUDINAL MODE COOLERLESS EXTERNAL CAVITY SEMICONDUCTOR LASER SYSTEM

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	02/23/2006

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (571) 273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

maintenance fee notification		m Block 1, by (a	specifying a	new correspondence addre	ss; and/or (b) indicating a sepa	Tate FEE ADDRESS" for
	E ADDRESS (Note: Use Block 1 for	any change of address)		Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must		
	590 11/23/2005			have its own certific	ate of mailing or transmission.	
J GRANT HOUS AXSUN TECHNO I FORTUNE DRIV	LOGIES INC			I hereby certify that States Postal Servic addressed to the M	Certificate of Mailing or Trans: this Fee(s) Transmittal is bein e with sufficient postage for fir fail Stop ISSUE FEE address SPTO (571) 273-2885, on the	mission g deposited with the United st class mail in an envelope above, or being facsimile
BILLERICA, MA	01821			transmitted to the U	SPTO (571) 273-2885, on the o	date indicated below. (Depositor's name)
				 		(Signature)
						(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED	INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/909,330	07/19/2001		Dale C. F	landers	1035US	9626
TITLE OF INVENTION: FI	IXED WAVELENGTH SIN	GLE LONGITUDI	INAL MODE	COOLERLESS EXTERNA	L CAVITY SEMICONDUCTO	OR LASER SYSTEM
APPLN. TYPE	SMALL ENTITY	ISSUE FI	EE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400)	\$300	\$1700	02/23/2006
EXAM	IINER	ART UN	IT	CLASS-SUBCLASS		
NGUYEN	, DUNG T	2828		372-026000		
Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. "Fee Address" indication (or "Fee Address" Indication form						
PTO/SB/47; Rev 03-02 o Number is required.	or more recent) attached. Use	of a Customer	2 registered listed, no na	l patent attorneys or agents. ame will be printed.	If no name is 3	
3. ASSIGNEE NAME AND	RESIDENCE DATA TO B	E PRINTED ON T	HE PATENT	(print or type)		
PLEASE NOTE: Unless recordation as set forth in	an assignee is identified be 37 CFR 3.11. Completion of	low, no assignee of this form is NOT	data will appe Γa substitute f	ar on the patent. If an assi or filing an assignment.	ignee is identified below, the o	locument has been filed for
(A) NAME OF ASSIGNI	(A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)					
Please check the appropriate	assignee category or categor	ries (will not be pri	inted on the pa	tent): 🔲 Individual 🔲	Corporation or other private gr	oup entity Government
4a. The following fee(s) are	enclosed:		. Payment of F		747 <u>.</u>	· · · · · · ·
☐ Issue Fee				the amount of the fee(s) is		
	mall entity discount permitte			y credit card. Form PTO-20		
Advance Order - # of	Copies		The Direct Deposit Accord	tor is hereby authorized by unt Number	charge the required fee(s), or (enclose an extra o	credit any overpayment, to copy of this form).
5. Change in Entity Status	(from status indicated above MALL ENTITY status, See 3	•	المساندة	nt in malaman alaimina SM	IALL DITTU	ED 1 27(-)(2)
					IALL ENTITY status. See 37 C usly paid issue fee to the applica egistered attorney or agent; or t	
NOTE: The Issue Fee and Puinterest as shown by the reco	ublication Fee (if required) words of the United States Pate	vill not be accepted int and Trademark	from anyone Office.	other than the applicant; a re	egístered attorney or agent; or t	he assignee or other party in
Authorized Signature				Date		
Typed or printed name				Registrati	on No	
This collection of informatio an application. Confidentiali submitting the completed ap this form and/or suggestions Box 1450, Alexandria, Virgi Alexandria, Virginia 22313-	ity is governed by 35 U.S.C. plication form to the USPT of for reducing this burden, shinia 22313-1450. DO NOT S	11. The information 122 and 37 CFR 0. Time will vary ould be sent to the SEND FEES OR C	n is required to 1.14. This colledepending upon Chief Information	o obtain or retain a benefit b ection is estimated to take 1 on the individual case. Any ation Officer, U.S. Patent a FORMS TO THIS ADDRE	y the public which is to file (an 2 minutes to complete, includi comments on the amount of ti and Trademark Office, U.S. Dep SS. SEND TO: Commissioner	d by the USPTO to process) ng gathering, preparing, and me you require to complete partment of Commerce, P.O. for Patents, P.O. Box 1450,

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTOL-85 (Rev. 07/05) Approved for use through 04/30/2007.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION N	PPLICATION NO. FILING DATE		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
09/909,330	·-·	07/19/2001	Dale C. Flanders	1035US	9626	
25263	7590	11/23/2005		EXAMI	NER	
J GRANT H			NGUYEN,	NGUYEN, DUNG T		
	AXSUN TECHNOLOGIES INC 1 FORTUNE DRIVE				PAPER NUMBER	
BILLERICA	, MA 01821			2828		
				DATE MAILED: 11/23/2005		

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 96 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 96 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571) 272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.